Figure. 1

# Pro-apoptotic effect of high-molecular weight, synthetic RNAs

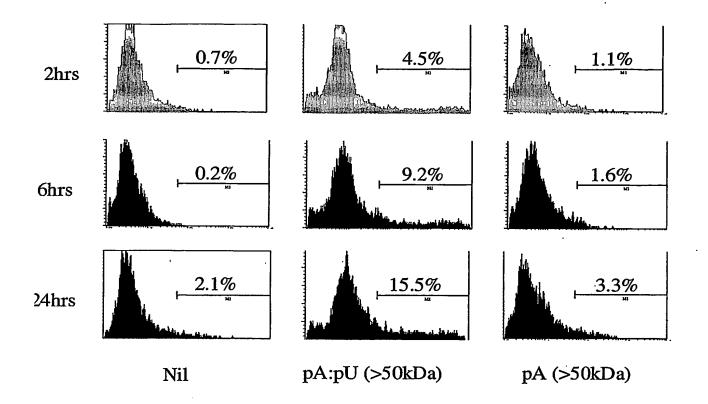


Figure. 2

### **Selected RNA Motifs induce Cell Death**

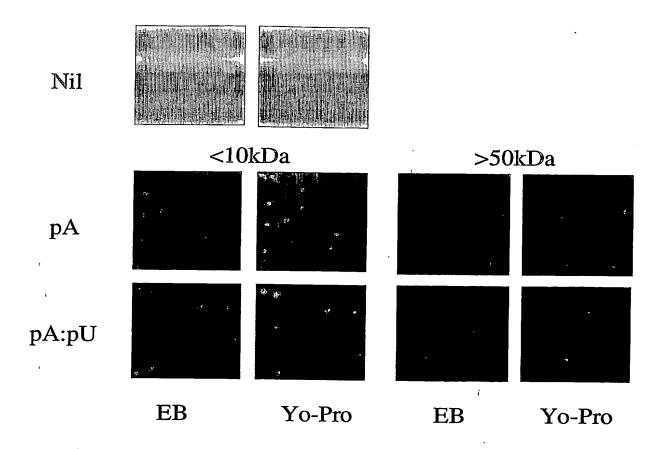
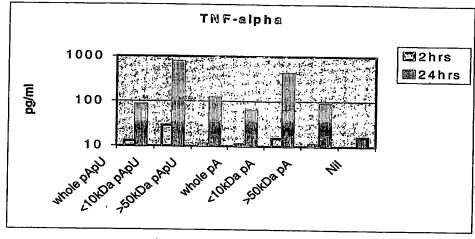
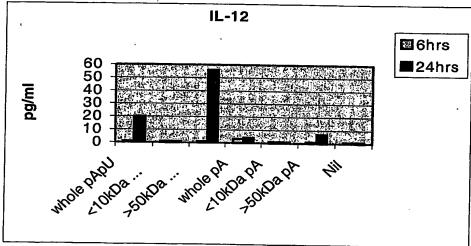


Figure. 3

## Cytokine profile of human APC following

exposure to RNA motif fractions





#### Figure. 4

#### Differential effects of fractionated synthetic RNAs (summary)

	whole pApU	<10kDpApU	>50kDpApU	whole pA	<10kDpA	>50kDpA
Apoptosis	moderate	NA	moderate	Low	NA	Low
Cell Death	Low	High	Low	Low	High	
TNF-a	moderate ·	High	moderate	moderate	High Wall	moderate
IL-12	High,	Low	High'	Low	Low	Low
	Low	Low	Low	Low	Low	Low
IFN-b	Low	Low	Low	Low	Low	Low
IL-6	Low	Moderate	Low	Low	Low	Low

Figure. 5

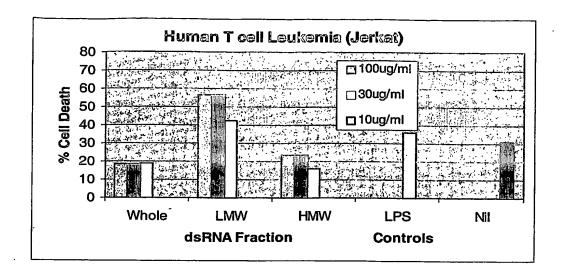


Figure. 6

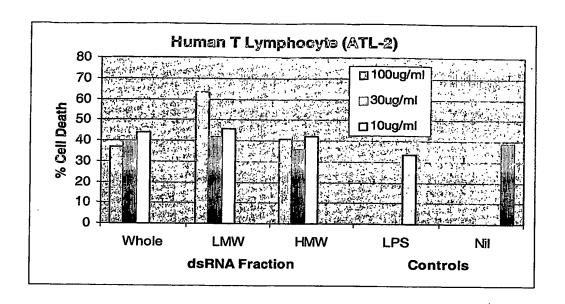


Figure. 7

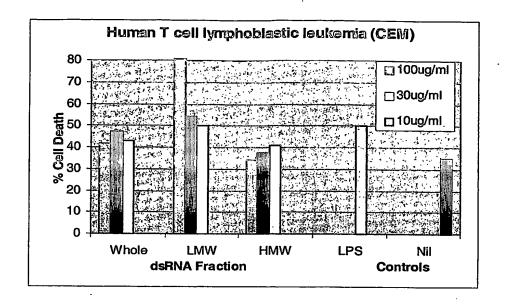


Figure. 8

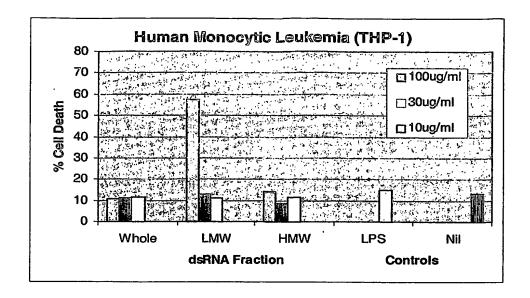


Figure. 9

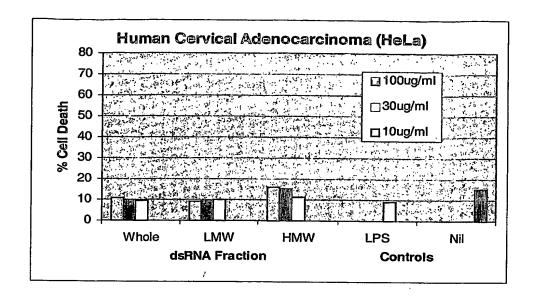


Figure. 10

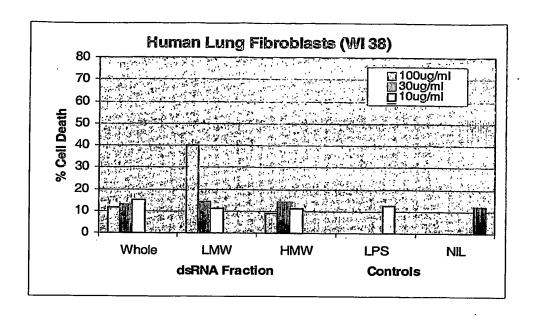
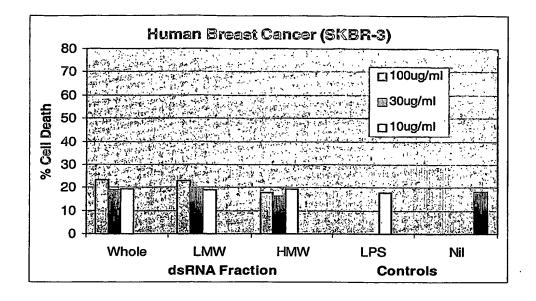
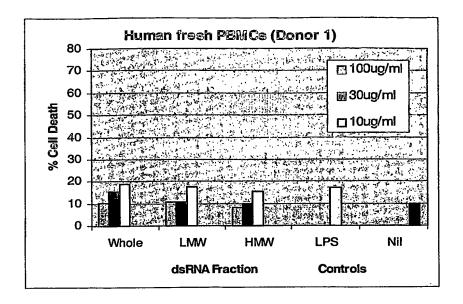


Figure. 11



#### Figure. 12A



#### Figure. 12B

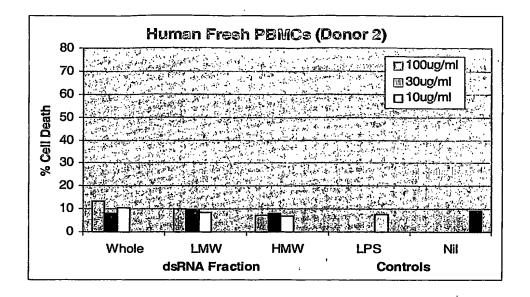
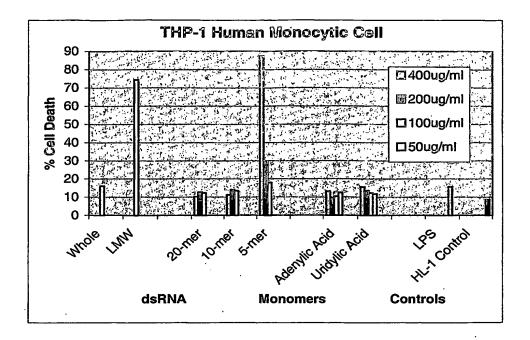


Figure. 13



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